

## ABSTRACT OF THE DISCLOSURE

A method for interleaving data frames transmitted via a modem pool, each of the data frames including a plurality of codewords having a predefined level of error correction, including assigning the data frames to corresponding modem timeframes, where codeword symbols in each of the data frames are assigned to time slots in the modems in the corresponding timeframes such that the level of error correction is sufficient to correct error/loss caused to any of the symbols given a predefined level of modem loss/malfunction, and moving any of the codeword symbols assigned to one of the timeframes to another of the timeframes such that the level of error correction is sufficient to correct error/loss caused to any of the symbols given a predefined level of cross-modem error burst while preserving the level of error correction sufficient to correct error/loss caused to any of the symbols given the level of modem loss/malfunction.